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IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A method for producing porous structures in a three-dimensional object with solid freeform fabrication comprising:

selectively depositing a removable support material;

depositing a curable build material defining said three-dimensional object; and

removing said selectively deposited removable support material to form a number of pores within said three-dimensional object.

2. (original) The method of claim 1, further comprising selectively depositing a non-removable support material

3. (original) The method of claim 1, further comprising planarizing said build material or said removable support material.

4. (currently amended) The method of claim 1, further comprising ~~solidifying~~ curing said build material.

5. (currently amended) The method of claim 4, wherein said ~~solidifying~~ curing said build material comprises one of electromagnetic radiation, the application of heat, or a chemical cure activated by chemical agents present in said build material.

6. (currently amended) The method of claim 4, wherein said ~~solidifying~~ curing said build material occurs after said build material has flowed with respect to said removable support material.

7. (currently amended) A method for producing porous structures in a three-dimensional object with solid freeform fabrication comprising:

selectively depositing a removable support material;

depositing a build material defining said three-dimensional object; and

removing said selectively deposited removable support material to form a number of pores within said three-dimensional object; and

~~The method of claim 1, further comprising~~ infiltrating said pores with a property enhancing material.

8. (original) The method of claim 7, wherein said property enhancing material comprises one of a high toughness material, a flexible material, a lubricant, an odorant, a de-odorant, a drug, a colorant, a reactive gas, a reactive liquid, an electrostatic or electromagnetic enhancing material, or an adhesive.

9. (currently amended) The method of claim 1, wherein said selectively depositing a removable support material comprises depositing said removable support material with a high-precision dispenser and wherein said depositing a build material comprises depositing said build material with a low-precision dispenser.

10. (original) The method of claim 9, wherein said selectively depositing a removable support material further comprises vertically stacking a number of removable support material voxels.

11. (original) The method of claim 9, wherein said selectively depositing a removable support material further comprises selectively depositing a number of removable support material voxels in a planar array configuration.

12. (original) The method of claim 1, wherein said depositing a build material comprises depositing said build material with a low precision dispenser.

13. (original) The method of claim 1, wherein said depositing a build material comprises depositing said build material with a high precision dispenser.

14. (original) The method of claim 1, wherein said removing said selectively deposited removable support material comprises one of removal by manual separation, removal by dissolving said removable support material with a solvent, or removal by applying sufficient thermal energy to soften or melt said removable support material.

15. (original) A method for producing porous structures in a three-dimensional object with solid freeform fabrication comprising:

selectively depositing a rapidly solidifying build material in a porous configuration; and coupling said deposits of rapidly solidifying build material to form said three-dimensional object.

16. (original) The method of claim 15, further comprising disposing a property enhancing material in said porous configuration.

17. (original) The method of claim 16, wherein said property enhancing material comprises one of a high toughness material, a flexible material, a lubricant, an odorant, a de-odorant, a drug, a colorant, a reactive gas, a reactive liquid, an electrostatic or electromagnetic enhancing material, or an adhesive.

18. (original) The method of claim 15, wherein said coupling said deposits of rapidly solidifying build material comprises depositing coupling material on said deposits of rapidly solidifying build material such that said coupling material overhangs said porous configuration.

19. (original) The method of claim 15, wherein said selectively depositing a rapidly solidifying build material in a porous configuration comprises vertically stacking voxels of said rapidly solidifying build material with a high precision material dispenser.

20. (original) The method of claim 15, wherein said selectively depositing rapidly solidifying build material in a porous configuration comprises depositing voxels of said rapidly solidifying build material in a planar array.

21. (currently amended) A method for producing porous structures in a three-dimensional object with solid freeform fabrication comprising:

forming a plurality of support material containment structures by selective depositing of a support material with a material dispenser, wherein said containment structures are separated by a porous gap;

dispensing bulk build material into said support material containment structures; and

coupling said containment structures.

22. (original) The method of claim 21, wherein said plurality of support material containment structures are formed with a high precision material dispenser.

23. (original) The method of claim 22, wherein said forming a plurality of containment structures comprises stacking a plurality of support material voxels.

24. (original) The method of claim 22, wherein said forming a plurality of containment structures comprises selectively disposing support material voxels in a planar array.

25. (original) The method of claim 21, wherein said dispensing bulk build material comprises dispensing a specified quantity of build material with a low precision material dispenser.

26. (original) The method of claim 21, wherein said coupling said containment structures comprises selectively dispensing build or support material that overhangs said porous gap.

27. (original) The method of claim 21, further comprising infiltrating said porous gap with a property enhancing material.

28. (original) The method of claim 27, wherein said property enhancing material comprises one of a high toughness material, a flexible material, a lubricant, an odorant, a de-odorant, a drug, a colorant, a reactive gas, a reactive liquid, an electrostatic or electromagnetic enhancing material, or an adhesive.

29-46. (cancelled)

47. (new) The method of claim 1, wherein said build material and said removable support material are dispensed together as a moving stage traverses a fabrication bin.

48. (new) The method of claim 15, wherein said selectively depositing said rapidly solidifying build material comprises using a solid freeform fabrication system to selectively deposit said rapidly solidifying build material in a fabrication bin according to a pattern that provides said porous configuration.

49. (new) The method of claim 15, wherein said object comprises pores built into succeeding layers of said rapidly solidifying build material.